

Work Order ID 127174

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Item ID: D350-607-041A

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 12/15/14 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 1/05/15 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: U Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D350-607-1	A
DSI 9473	

100	Document Control	0.00	DAS						
100	DOCUMENT CONTROL		43						
DC	Memo	0.00	0.89						
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPPD350-607-041A CHG002								

JAN 09 2015

110	Pick Kit	0.00							
-----	----------	------	--	--	--	--	--	--	--

110									
Packaging	Memo	0.00							
Packaging									

JAN 09 2015

DAS
06
9-89

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Item ID: D350-607-041A Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)
Start Date: 12/15/14 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 1/05/15 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	QC4- 100% Inspect kits for completeness	0.00							
150									
QC	Memo	0.00							
Quality Control									JAN 09 2015
160	Packaging	0.00							
160									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-607-041A Location: _____								DAS 46 9-89 JAN 09 2015
170	QC21- Final Inspection - Work Order Release	0.00							
170									
QC	Memo	0.00							
Quality Control									MLJ 1501-09 UMF 15-01-09

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D350-607-041A

Start Date: 12/15/14**Required Date:** 1/05/15**Start Qty: 1.00**

Required Qty: 1.00

IPP RevA: New issue DD verified by:EC
per dwg revC DD 10.01.18 verified by:EC
545 DD 10.04.19 verified by:EC
607-141 and added individual parts of D350-607-141 in DD
verf:JLM
603 DD VERF:EC
VERF:JLM

IPP RevB: as
IPP Rev:C as per ecn10-
10.10.18 remove D350-
12.07.24 AS PER ECN 12-
13.08.07 UPDATED BOM DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN310-4		Purchased	No			110	Each	129.0000	4	4			
AN310-4 Nut													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				GA				25					
					M127815			25					
				ST331				104					
					M128650			29					
					M129913			75					
AN3C11A		Purchased	No			110	Each	51.0000	4	4			
AN3C11A BOLT													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST349				51					
					M125952			4					
					M128224			30					
					M130401			17					
AN3C16A		Purchased	No			110	Each	50.0000	4	4			
AN3C16A BOLT													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST338a				50					
					m130466			50					

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Work Order ID: 127174

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Parent Item: D350-607-041A

D350-607-041A

Parent Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)

Start Date: 12/15/14

Required Date: 1/05/15

Start Qty: 1.00

Required Qty: 1.00

D3953-1 Manufactured No

110 Each 38.0000 2 2

D3953-1

Gas Spring Bracket

lll 12/01/08

Location Loc Qty Loc Code

ST069 24

109116 24

ST077A 14

94730 14

✓2

D3953-11 Manufactured No

110 Each 47.0000 2 2

D3953-11

Gas Spring Spacer

lll 12/01/08

Location Loc Qty Loc Code

ST070 47

105464 31

99094 16

✓2

D3953-13 Manufactured No

110 Each 3.0000 2 2

D3953-13

Gas Spring Spacer

lll 12/01/08

Location Loc Qty Loc Code

ST070 3

89247 3

110 Each 76.0000 2 2

lll 12/01/07

D3953-3 Manufactured No

D3953-3

Gas Spring Stud, Lid

Location Loc Qty Loc Code

ST069 66

115127 15

115828 21

124029 30

ST077A 10

122668 10

✓2

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Work Order ID: 127174

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Parent Item: D350-607-041A

D350-607-041A

Parent Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)

Start Date: 12/15/14

Required Date: 1/05/15

Start Qty: 1.00

Required Qty: 1.00

D3953-5

Manufactured No

110 Each

32.0000

2 2

D3953-5

Gas Spring Stud, Base

lll 15/01/07

Location

Loc Qty

Loc Code

ST069

11

111522

10

115058

1

ST077A

21

124030

21

x1

x1

D3953-7

Manufactured No

110 Each

64.0000

2 2

D3953-7

Spring Spacer

lll 15/01/08

Location

Loc Qty

Loc Code

ST069

64

117498

18

120351

10

121813

36

x2

D3953-9

Manufactured No

110 Each

82.0000

4 4

D3953-9

Gas Spring Washer

lll 15/01/08

Location

Loc Qty

Loc Code

ST069

82

116051

51

122649

31

x4

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Parent Item: D350-607-041A

D350-607-041A

Parent Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)

Start Date: 12/15/14

Required Date: 1/05/15

Start Qty: 1.00

Required Qty: 1.00

D3969-1

Manufactured No

110

Each

13.0000

2

2

D3969-1

Gas Spring

15/01/08

Location

Loc Qty

Loc Code

ST363

5

94678

5

x 2

ST365

8

100609

8

MS21043-3

Purchased No

110

Each

522.0000

8

8

MS21043-3

Nut

15/01/08

Location

Loc Qty

Loc Code

FG

80

103691

80

FP001

339

m130673

339

GA

60

m130186

60

ST304

43

m130673

43

x 8

MS24665-2-12

Purchased No

110

Each

212.0000

4

4

MS24665-2-12

COTTER PIN

15/01/08

Location

Loc Qty

Loc Code

ST293

212

125044

212

✓

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Parent Item: D350-607-041A

D350-607-041A

Parent Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)

Start Date: 12/15/14

Required Date: 1/05/15

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0332R

Purchased

No

110

Each

5,081.000

8

8

NAS1149C0332R

WASHER

**

W 15/01/09

Location

Loc Qty

Loc Code

FP001

3133

m130325

3133

ST271

1948

125654

126

m130325

822

m130466

1000

x8

NAS1149C0432R

Purchased

No

110

Each

1,945.000

4

4

NAS1149C0432R

WASHER

**

W 15/01/09

Location

Loc Qty

Loc Code

ST271

1945

m125807

1945

D350-607-241

Manufactured

No

140

Each

1.0000

1

1

D350-607-241

Basket Clamp

**

125409

Location

Loc Qty

Loc Code

PKG12

1

112888

1

DAS
86
9-89

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Parent Item: D350-607-041A

D350-607-041A

Parent Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)

Start Date: 12/15/14

Required Date: 1/05/15

Start Qty: 1.00

Required Qty: 1.00

D2022-101

Manufactured No

110

Each

177.0000

2

2

D2022-101

Spacer

**

all 15/01/02

Location

Loc Qty

Loc Code

ST002

23

117874

23

x2

ST025A

154

103016

50

106235

24

107903

80

D2221

Manufactured No

110

Each

0.0000

1

1

D2221

Basket Base Assembly

**

B127176 (1x) all 15/01/02

D2258-200

Manufactured No

110

Each

22.0000

1

1

D2258-200

Weight Placard 200lb

**

all 15/01/02

Location

Loc Qty

Loc Code

ST005

22

113292

7

98342

8

99657

7

16

D2512

Manufactured No

110

Each

0.0000

1

1

D2512

Basket Lid

**

B127177 (1x) all 15/01/02

D2530

Manufactured No

110

Each

7.0000

1

1

D2530

Handle Weldment

**

all 15/01/02

Location

Loc Qty

Loc Code

ST379

7

125740

7

x1

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Parent Item: D350-607-041A

D350-607-041A

Parent Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)

Start Date: 12/15/14

Required Date: 1/05/15

Start Qty: 1.00

Required Qty: 1.00

D2535

Manufactured No

110 Each

113.0000

2

2

D2535

Spring

all 15/01/108

Location

Loc Qty

Loc Code

ST007

113

115880

13

117244

50

124521

50

x1
x1

D2537

Manufactured No

110 Each

117.0000

2

2

D2537

Bushing

all 15/01/108

Location

Loc Qty

Loc Code

ST008

117

113174

38

117488

28

123463

51

x2

D2931

Manufactured No

110 Each

1,831.000

2

2

D2931

Bumper

all 15/01/108

Location

Loc Qty

Loc Code

ST025A

1831

86435

1831

x2

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Work Order ID: 127174

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Parent Item: D350-607-041A

D350-607-041A

Parent Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)

Start Date: 12/15/14

Required Date: 1/05/15

Start Qty: 1.00

Required Qty: 1.00

AN3-16A	Purchased	No	110	Each	97.0000	2	2	
AN3-16A								
Bolt								

**

lll 12/16/14

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
GA	45	
117441	45	
ST338a	50	
M127070	50	
ST348	2	
M128849	2	

XZ

AN4-7A	Purchased	No	110	Each	55.0000	2	2	
AN4-7A								
Bolt								

**

lll 12/16/14

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST345	55	
m126193	55	

XZ

AN5-17A	Purchased	No	110	Each	263.0000	4	4	
AN5-17A								
Bolt								

**

lll 12/16/14

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
GA	36	
117872	36	
ST299A	150	
125388	150	
ST337	77	
m128403	77	

XZ

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Parent Item: D350-607-041A

D350-607-041A

Parent Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)

Start Date: 12/15/14

Required Date: 1/05/15

Start Qty: 1.00

Required Qty: 1.00

MS20600-AD4W3

Purchased

No

110

Each

1,104.000

2

2

MS20600-AD4W3

Cherry Rivets

all 15/01/08

Location

Loc Qty

Loc Code

CCK004

600

m129795

600

ST309

504

m130018

504

✓2

NAS1149D0463J

Purchased

No

110

Each

6,583.000

2

2

NAS1149D0463.J

WASHER

all 15/01/08

Location

Loc Qty

Loc Code

CA

397

M129682

397

ST260a

6186

M129390

1587

M130799

4599

✓2

NAS1149D0563J

Purchased

No

110

Each

2,170.000

4

4

NAS1149D0563.J

Washer

all 15/01/08

Location

Loc Qty

Loc Code

GA

130

m125807

130

ST260a

400

m130799

400

ST269

640

m128257

640

ST271

1000

m131026

1000

✓4

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Work Order ID: 127174

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Parent Item: D350-607-041A

D350-607-041A

Parent Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)

Start Date: 12/15/14

Required Date: 1/05/15

Start Qty: 1.00

Required Qty: 1.00

NAS1149DN832J

Purchased

No

110

Each

714.0000

2

2

NAS1149DN832J

Washer

ll 15/01/05

Location

Loc Qty

Loc Code

MF4

185

M129541

185

ST260a

143

124555

143

ST270

386

M128429

302

M129499

84

x2

MS21042L3

Purchased

No

110

Each

1,061.000

2

2

MS21042L3

Nut

ll 15/01/05

Location

Loc Qty

Loc Code

FP001

489

M130922

489

GA

33

M128754

33

ST305

539

123900

3

M130799

536

x2

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Work Order ID: 127174

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Parent Item: D350-607-041A

D350-607-041A

Parent Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)

Start Date: 12/15/14

Required Date: 1/05/15

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

110

Each

3,258.000

2

2

MS21042L 4

Locknut

**

15/06/08

Location

Loc Qty

Loc Code

FP001

42

m124231

42

ST260a

2000

m130799

2000

ST305

1216

m127813

704

m128798

12

m130922

500

XZ

MS21042L5

Purchased

No

110

Each

636.0000

4

4

MS21042L 5

Nut

**

15/06/08

Location

Loc Qty

Loc Code

ST305

636

m127813

496

m130358

140

XZ

AN4-12A

Purchased

No

140

Each

117.0000

**

1

per ECN 14-635 ME

AN4-12A

Bolt

DAS 46 9-89

Location

Loc Qty

Loc Code

FG

10

120423

10

ST344

107

M129384

107

DAS 66 9-89

DAS 26 9-89

18-01-07

AN4-12A X4 B 126499

[Signature]

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Work Order ID: 127174

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Parent Item: D350-607-041A

D350-607-041A

Parent Item Name: Heli-Utility-Basket™ (Automatic Lid Opener)

Start Date: 12/15/14

Required Date: 1/05/15

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0463J

Purchased No

140 Each

6,583.000 10 10

NAS1149D0463J
WASHER

DAS
46
9-89

**

DAS
26
9-89

Location	Loc Qty	Loc Code
CA	397	
M129682	397	
ST260a	6186	
M129390	1587	
M130799	4599	

MS21042L4

Purchased No

140 Each

3,258.000 5 5

MS21042L4
Locknut

DAS
46
9-89

**

DAS
26
9-89

Location	Loc Qty	Loc Code
FP001	42	
m124231	42	
ST260a	2000	
m130799	2000	
ST305	1216	
m127813	704	
m128798	12	
m130922	500	

D2324

Manufactured No

140 Each

21.0000 1 1

D2324
Strut Assy

DAS
46
9-89

**

DAS
26
9-89

Location	Loc Qty	Loc Code
ST367	21	
105350	6	
110752	2	
112412	2	
115057	1	
120341	10	

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DART SERVICE INSTRUCTION

TO AMEND DRAWING D350-607 REV. F OR SUBSEQUENT APPROVED REVISION

REF CANADIAN STC: SH94-14

FAA STC: SR00213NY

EASA STC: EASA.IM.R.S.01405

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO 127137MUS
14-12-15

THE PURPOSE OF THIS DART SERVICE INSTRUCTION (DSI), IS TO PROVIDE OPERATORS OF AS350 / 355 ROTORCRAFT EQUIPPED WITH DART D350-607-041 HELI UTILITY BASKETS WITH AN UPGRADE KIT TO REPLACE THE EXISTING LID PROP ARM WITH 2 GAS SPRINGS.

FOR OPERATORS EQUIPPED WITH D350-607-043/-045/-047 HELI UTILITY BASKETS THIS DSI WILL PROVIDE AN UPGRADE KIT TO REPLACE THE EXISTING LID PROP ARM WITH 1 GAS SPRING.

ITEM No.	QTY -141	QTY -143	QTY -145	PART NUMBER	DESCRIPTION
1	X			D350-607-141	AUTOMATIC LID OPENER INSTL (FOR USE ON -041 BASKET*)
2		X		D350-607-143	AUTOMATIC LID OPENER INSTL (FOR USE ON -043/-047 BASKET*)
3			X	D350-607-145	AUTOMATIC LID OPENER INSTL (FOR USE ON -045 BASKET*)
4	2		1	D3953-1	GAS SPRING BRACKET
5	2	1	1	D3953-3	GAS SPRING STUD (LID)
6	2	1	1	D3953-5	GAS SPRING STUD (BASE)
7	2	1	1	D3953-7	GAS SPRING SPACER
8	4	2	2	D3953-9	GAS SPRING WASHER
9	2	1	1	D3953-11	GAS SPRING SPACER
10	2		1	D3953-13	GAS SPRING SPACER
11		1		D3953-15	GAS SPRING BRACKET
12		1		D3953-17	GAS SPRING SPACER
13	2	1	1	D3969-1	GAS SPRING
14	4	2	2	AN3C11A	BOLT
15		2		AN3C15A	BOLT
18	4		2	AN3C16A	BOLT
19	4	2	2	AN310-4	CASTELLATED NUT
20	8	4	4	MS21043-3	NUT
21	4	2	2	MS24665-212	COTTER PIN
22	8	4	4	NAS1149C0332R	WASHER (OR AN960C10L)
23	4	2	2	NAS1149C0432R	WASHER (OR AN960C416L)

***NOTE:** FOR CUSTOMERS WISHING TO ORDER NEW BASKETS WITH THE LID OPENER PRE-INSTALLED USE THE FOLLOWING NUMBERS:

D350-607-041 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-041A

D350-607-043 BASKET WITH AUTOMATIC LID OPENER INSTALLED= D350-607-043A

D350-607-045 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-045A

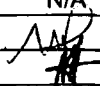
D350-607-047 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-047A

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 09.11.11
CERT. NO.: SH94-14
ISSUE NO.: 4

C	SHEET 1 PL, -143 INSTL, ITEM 6 QTY WAS 2, ITEM 7 WAS 0.	AJS	09.11.11
B	SHT 1 P/L ITEM 22 WAS NAS1149C0332 ITEM 23 WAS NAS1149C0432H. ALL OTHER SHEETS UPDATED ACCORDINGLY. (REASON: DRAFTING ERROR) INSTALLATIONS RENAMED.	AJS	09.11.06
A	NEW ISSUE	AJS	09.09.15
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 1 OF 8
APPROVED		TITLE	SCALE
DE APPR.		AUTOMATIC LID OPENER INSTL	NTS
DATE	09.11.11	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

FOR D350-607-041 BASKETS, REPLACE THE EXISTING D2332-041 PROP ARM AS FOLLOWS:

D350-607-141 AUTOMATIC LID OPENER INSTALLATION

NOTE: ONCE THIS MODIFICATION IS COMPLETE YOU WILL NOT BE ABLE TO RE-INSTALL THE D2332-041 PROP ARM.

- 1) REMOVE THE D2332-041 PROP ARM.
- 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON BOTH ENDS OF THE BASKET AS SHOWN IN FIGURE 1 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
- 3) LOCATE THE D3953-1 GAS SPRING BRACKET AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL A. INSTALL THE D3953-1 GAS SPRING BRACKET & D3953-13 GAS SPRING SPACER USING 2X AN3C16A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW E-E.
- 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL B. FASTEN D3953-5 IAW VIEW F-F USING 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT.
- 5) INSTALL 1X D3953-11 GAS SPRING SPACER ONTO THE D3953-5 STUD AS SHOWN IN VIEW F-F. INSTALL THE LARGE END OF THE D3969-1 GAS SPRING SPRING ONTO THE D3953-5 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW F-F. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- 6) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-1 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING AS SHOWN IN VIEW E-E. RAISE THE BASKET LID AND INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW E-E. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.

NOTE: THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A $\frac{9}{16}$ OPEN END SPANNER / WRENCH.

NOTE: WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.

- 7) REPEAT STEPS 2 THROUGH 6 AT THE OTHER END OF THE BASKET.
- 8) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRINGS SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.

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DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

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ISSUE NO.: 4

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FOR D350-607-043/-047 BASKETS REPLACE THE EXISTING D2332-041 PROP ARM ASSEMBLY AS FOLLOWS:

D350-607-143 AUTOMATIC LID OPENER INSTALLATION

NOTE: THIS KIT MAY BE INSTALLED AT EITHER END OF THE BASKET. HOWEVER, THE PROP ARM MUST BE REMOVED IN EITHER CASE AS IT WILL INTERFERE WITH THE FUNCTION OF THE GAS SPRING.

- 1) REMOVE THE D2332-041 PROP ARM.
- 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON THE END OF THE BASKET WHERE THE LID OPENER IS BE INSTALLED AS SHOWN IN FIGURE 2 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
- 3) LOCATE THE D3953-15 GAS SPRING BRACKET AS SHOWN IN FIGURE 2. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL C. INSTALL THE D3953-15 GAS SPRING BRACKET & D3953-17 GAS SPRING SPACER USING 2X AN3C15A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW G-G.
- 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 2. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL D. INSTALL 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW H-H. INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW H-H. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- 5) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-15 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING STUD AS SHOWN IN VIEW G-G. RAISE THE BASKET LID AND INSTALL THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW G-G. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.

NOTE: THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A $\frac{9}{16}$ OPEN END SPANNER / WRENCH.

NOTE: WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.

- 6) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRING SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.

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DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

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D. SHEPHERD (DE # 02)

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FOR D350-607-045 BASKETS REPLACE THE EXISTING D2332-041 PROP ARM ASSEMBLY AS FOLLOWS:

D350-607-145 AUTOMATIC LID OPENER INSTALLATION

NOTE: THIS KIT MAY BE INSTALLED AT EITHER END OF THE BASKET. HOWEVER, THE PROP ARM MUST BE REMOVED IN EITHER CASE AS IT WILL INTERFERE WITH THE FUNCTION OF THE GAS SPRING.

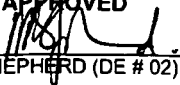
- 1) REMOVE THE D2332-041 PROP ARM.
 - 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON THE END OF THE BASKET WHERE THE LID OPENER IS BE INSTALLED AS SHOWN IN FIGURE 1 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
 - 3) LOCATE THE D3953-1 GAS SPRING BRACKET AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL A. INSTALL THE D3953-1 GAS SPRING BRACKET & D3953-13 GAS SPRING SPACER USING 2X AN3C16A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW E-E.
 - 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL B. FASTEN D3953-5 IAW VIEW F-F USING 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT.
 - 5) INSTALL 1X D3953-11 GAS SPRING SPACER ONTO THE D3953-5 STUD AS SHOWN IN VIEW F-F. INSTALL THE LARGE END OF THE D3969-1 GAS SPRING SPRING ONTO THE D3953-5 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW F-F. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
 - 6) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-1 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING AS SHOWN IN VIEW E-E. RAISE THE BASKET LID AND INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW E-E. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- NOTE:** THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A $\frac{9}{16}$ OPEN END SPANNER / WRENCH.

NOTE: WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.

- 7) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRING SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.

CANADA
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BY: 
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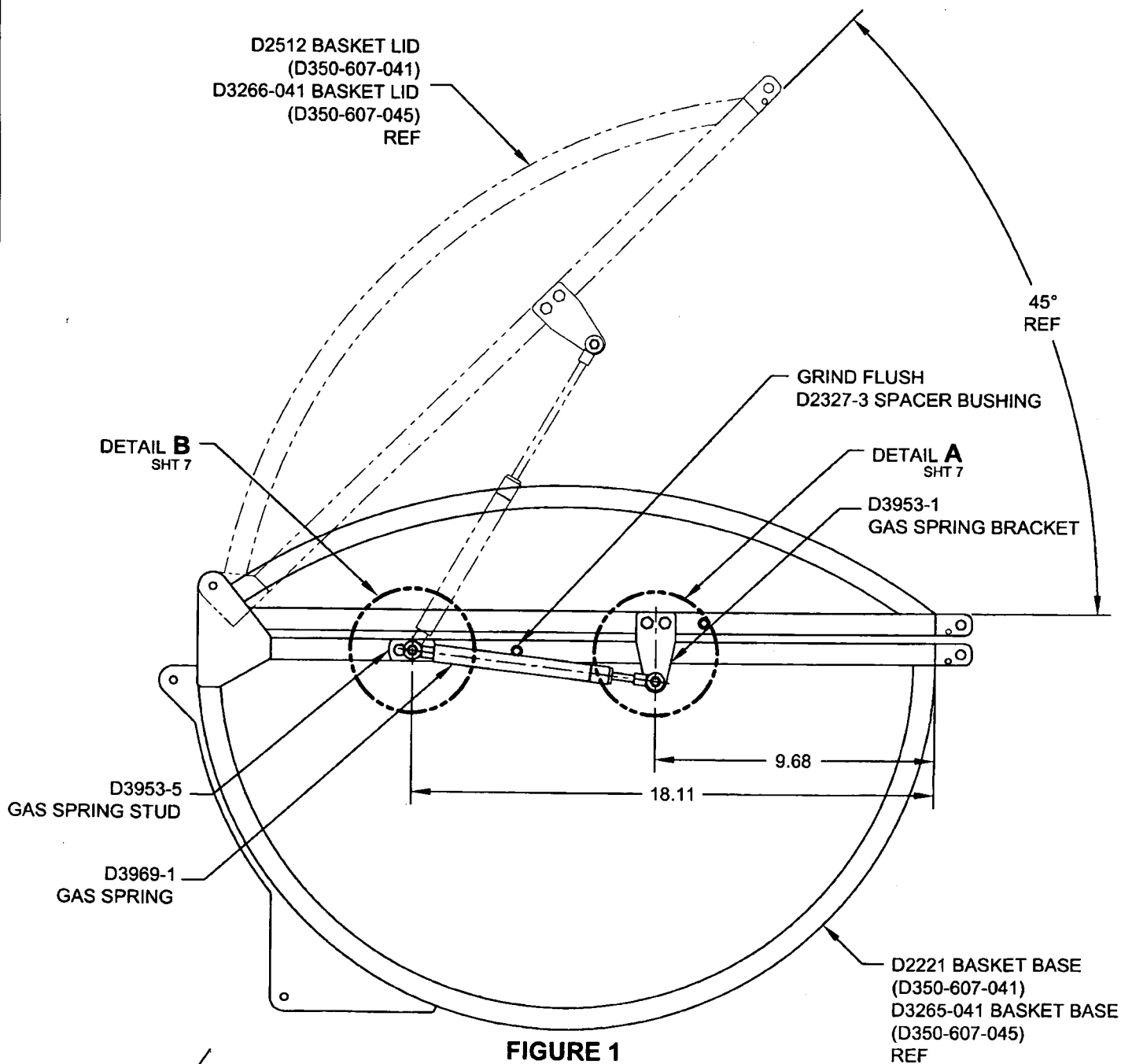


FIGURE 1

D350-607-141 AUTOMATIC LID OPENER INSTALLATION

(BOTH ENDS)

D350-607-145 AUTOMATIC LID OPENER INSTALLATION

(1 END ONLY)

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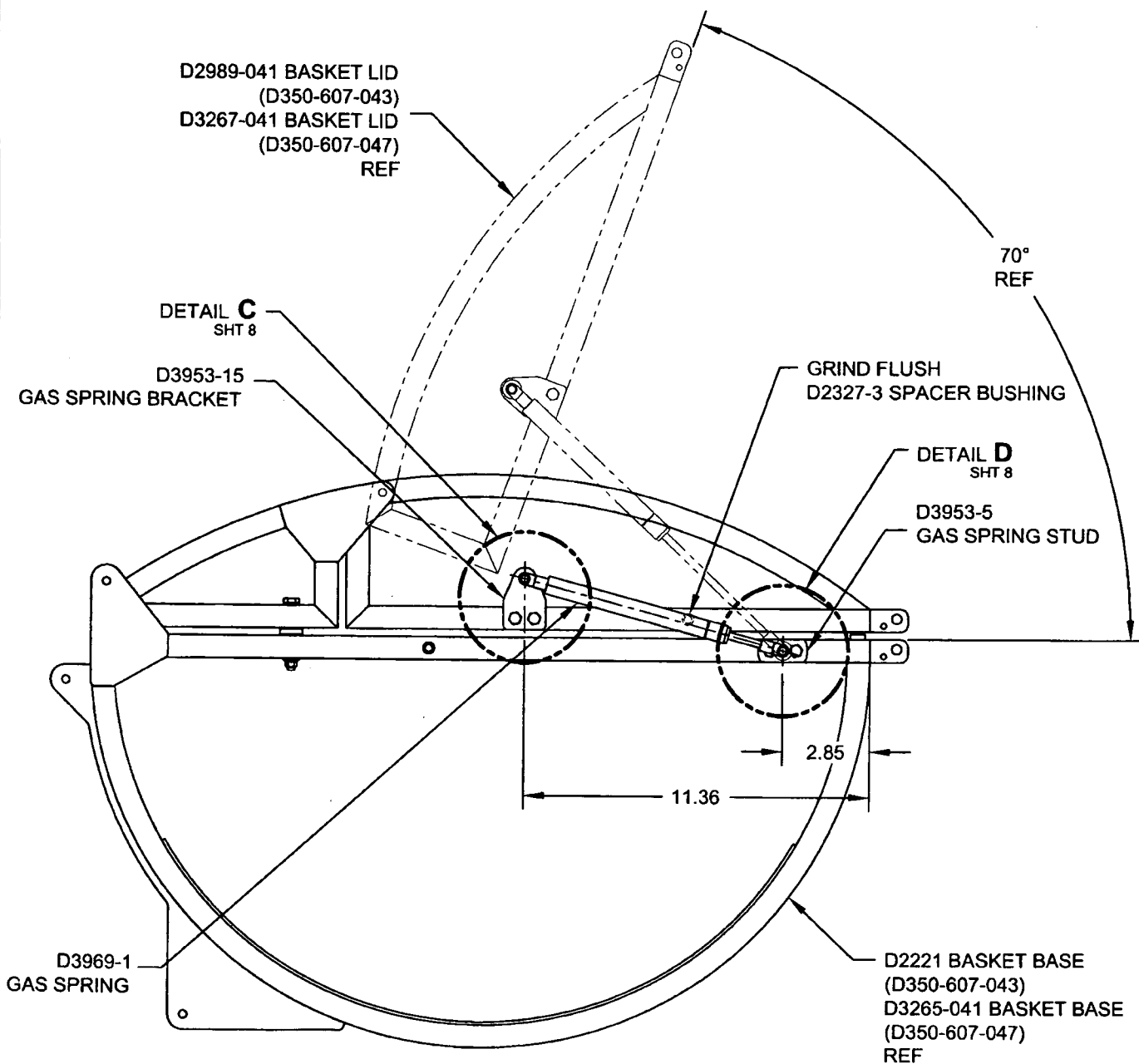


FIGURE 2
D350-607-143 AUTOMATIC LID OPENER INSTALLATION
 (1 END ONLY)

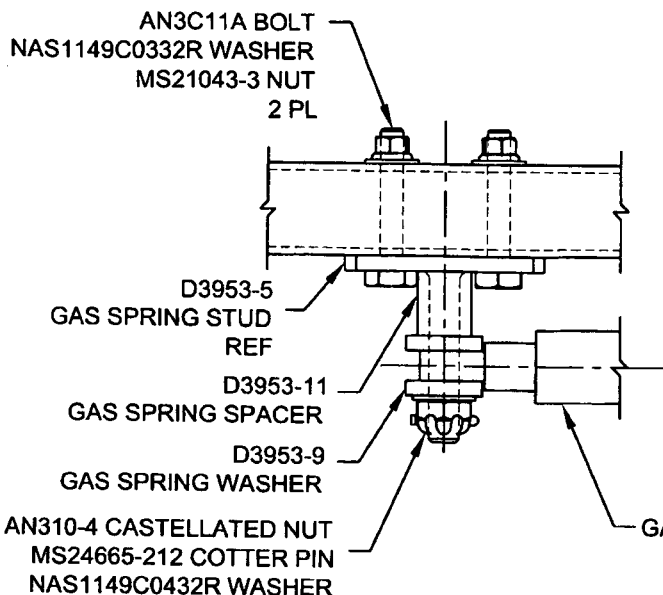
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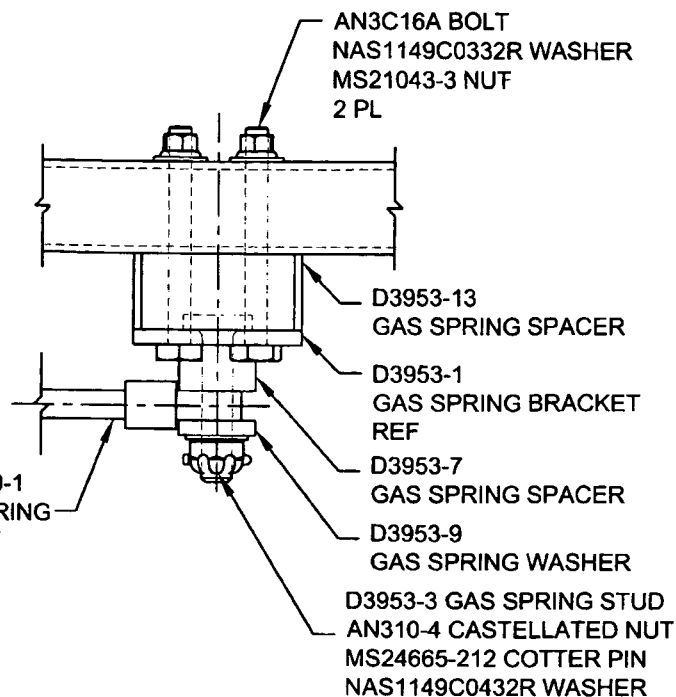
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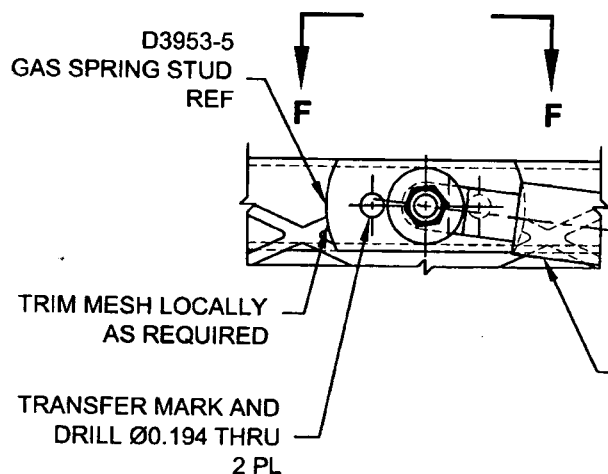
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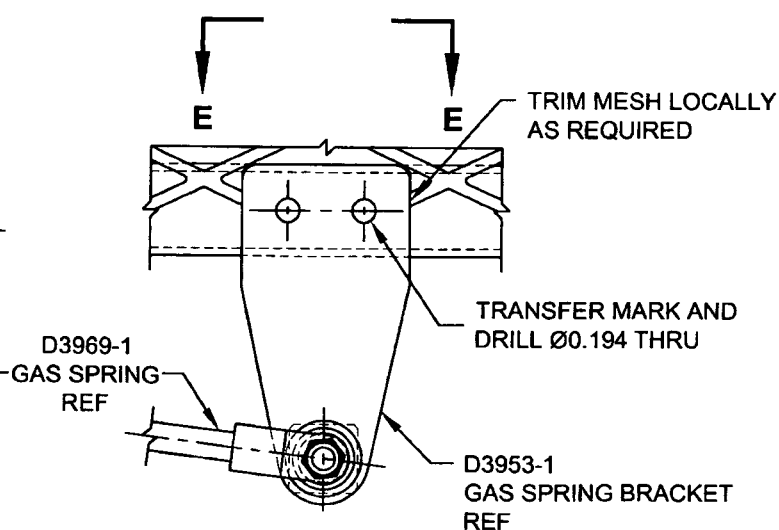
VIEW F-F



VIEW E-E



DETAIL B



DETAIL A

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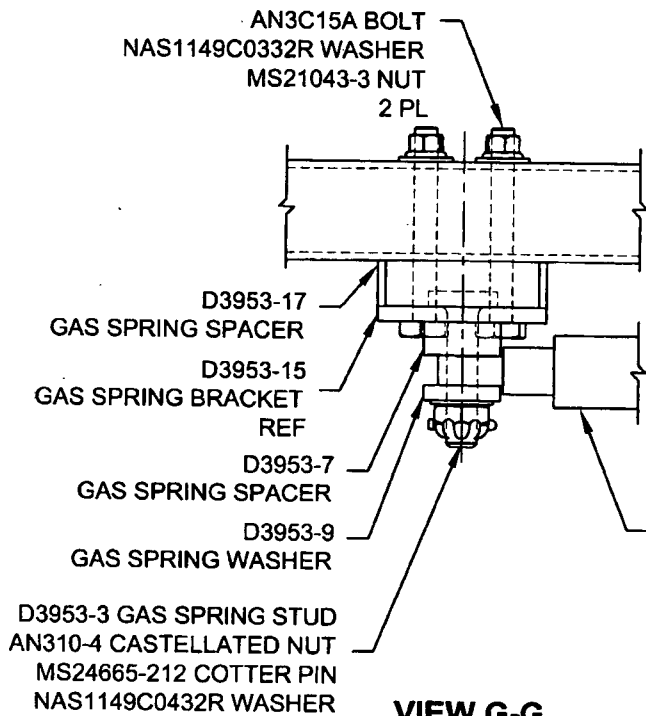
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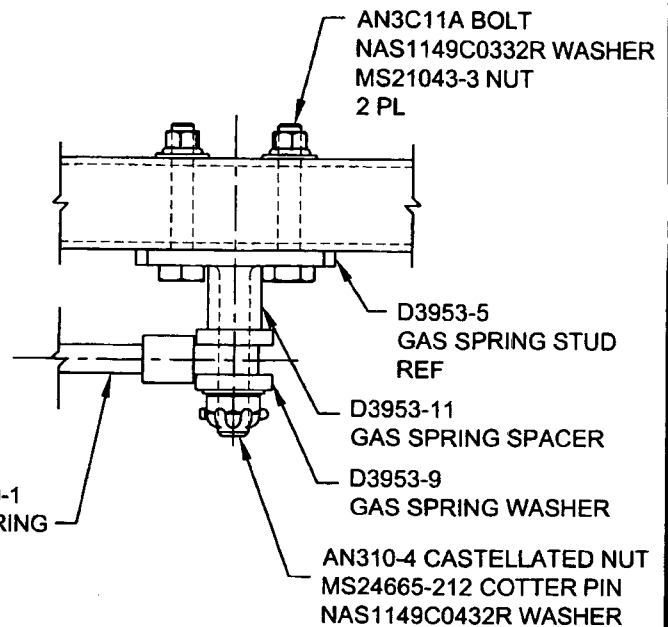
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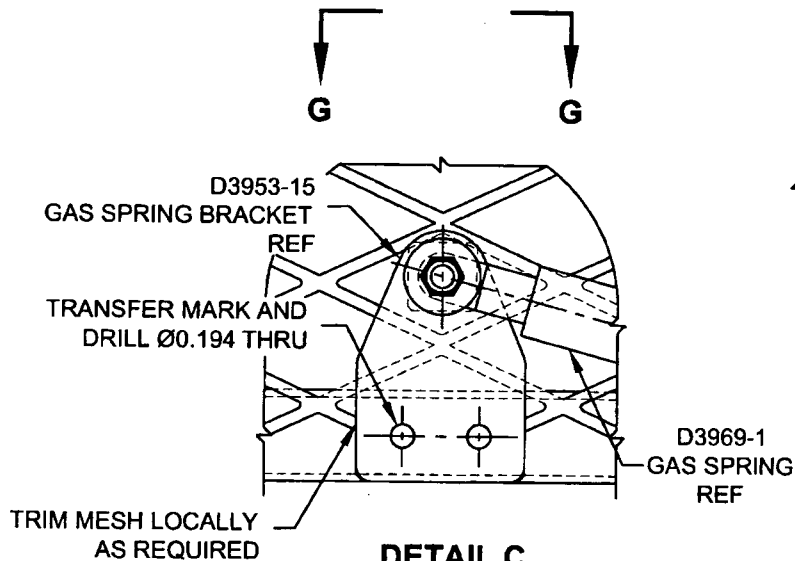
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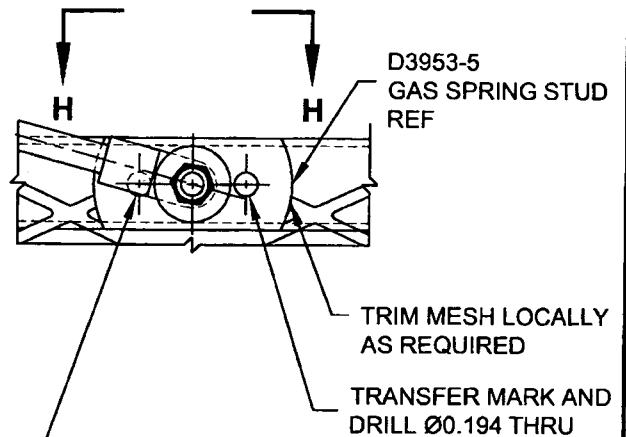
VIEW G-G



VIEW H-H



DETAIL C



DETAIL D

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